Release Notes – Business Rules Version 11.8X
Up to Post Fall 2023 Release for SIBR/BSAP/RC-BSAP

Revision History

Date	Version	By	Description
6/28/2024	1.0	WT	Initial Draft for Post Summer set. Price Formation Enhancement (PFE) v11.8.3

For the Release Notes **version 1.0 this will be the Baseline Release** and is referenced in the revision history as the Initial Draft.
For modifications and adjustments of the Business Rules(BR) for SIBR/BSAP/RC-BSAP that come after the Baseline Release the revision history will **show an Incremental change** with the new BR(vX.X.x). The incremental changes will be listed on top of the baseline.

The Baseline Release will identify all the Projects associated with the SIBR/BSAP/RC-BSAP Release and if there are any changes to the UI or API web services. Changes to the UI will be documented in the SIBR SC Users Guide, BSAP Users Guide, or the RC-BSAP Users Guide. Web services changes will be documented in the Technical Specifications and posting of the related artifacts on the application pages on our Developers site.

Contents

/// Baseline Release ///

This set of Release Notes covers the changes going forward from the Business Rules Version 11.8.3

Post-Fall 2023 Release Impacts

Business Rule changes within a release may force changes to the User Interfaces or Web Services depending on the requirement changes that are needed to support new or modified functionality within system applications. The following elements defined below give a quick overview of expected changes to the systems that interface with the Business Rules.

Application	Element	Change	Comment
SIBR	*SIBR UI*	*NO*	
	SIBR Web Services	*NO*	
	SIBR Rules	***YES***	**PFE**
BSAP	*BSAP UI*	*NO*	
	BSAP Web Services	*NO*	
	BSAP Rules	*NO*	
RC-BSAP	RC-BSAP UI	*NO*	
	RC-BSAP Web Services	*NO*	
	RC-BSAP Rules	*NO*	

Please visit the relevant user documentation on the Release Planning page for the updates to the documents associated to a specific Release.

http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

SIBR User Guide – UI changes will be documented in this document.
SIBR Interface Specifications - all web service (wsdl, xsd, xml) changes will be documented in this document.
https://developer.caiso.com

BSAP User Guide – UI changes will be documented in this document.
Base Schedule Interface Specification Web Services - all web service (wsdl, xsd, xml) changes will be documented in this document. https://developer.caiso.com

RC-BSAP User Guide – UI changes will be documented in this document.
RC Base Schedule Interface Specification Web Services - all web service (wsdl, xsd, xml) changes will be documented in this document. https://developer.caiso.com

Business Rules Post Fall 2023 Release Projects (included Independent Projects)

The **Price Formation Enhancement (PFE)** version of rules capture changes associated with the following projects targeted for implementation near August 2024 timeframe. The exception to this set of release notes is this is also capturing changes for current production prior to version 11.8 of the SIBR rules which is in production at this time.

PFE (Price Formation Enhancement)
This project entails the following:
1. Non-Generator Resources bidding above Soft Cap ($1000)

This initiative will make modifications to the rules for bidding above the soft offer cap for resources; especially allow resources with intra-day opportunity costs to reflect those costs in their energy bids.

http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx this set may also include updates to rule modifications not tied to a release.

The full set of the Business Rules promoted to Production and for Upcoming (future) Market Simulations can be seen under the SIBR user documentation under the Application Access/ in SIBR user documentation for all rules related to SIBR/BSAP/RC-BSAP.

https://www.caiso.com/systems-applications/portals-applications/scheduling-infrastructure-business-rules-sibr-bidding

Revision History for Rules:

Version 11.8.3

Version	Date	Changes	Reference
11.8.3	5/8/2024	Added Term for Daily NGR MIBP for capping Energy Bid	PFE
11.8.3	5/8/2024	Added rule 10102 for PFE Effective date of 8/1/2024	PFE
11.8.3	5/8/2024	Modified 42306 for soft cap with EFF date.	PFE
11.8.3	5/9/2024	Added 42316 for NGR to cap at DEB or soft cap with EFF date.	PFE
11.8.3	5/9/2024	Added 42317 for NGR Non-LESR cap at higher of DEB or soft cap with EFF date.	PFE
11.8.3	5/13/2024	Added 42318 for NGR LESR cap at higher of with EFF date.	PFE
11.8.3	5/13/2024	Added 42319 set Daily NGR MIBP as 4th highest	PFE
11.8.3	5/13/2024	Added 42320 for NGR as sister rule to Gen for DEB single segment.	PFE
11.8.3	5/17/2024	Added 50016 for post close NGR to re-fire 42318	PFE

Revision of Terms for Pre Summer 2023 Release:

Name	Acronym	Definition
Daily NGR MIBP		4th Highest Maximum Import Bid Price for the Trading Day (set from DAM MIBP and then updated when new DAM or RTM MIBP is received.)

Business Rules Impacted – Post Fall 2023 Release for PFE:

Rule changes for the Version 11.8.3 are located below. Modified Text in red, new rules will be all red.

Market	Business Rule ID	Description	Comments
ALL	10102	The configurable PFE Effective Date must be initialized to '8/1/2024'.	PFE BRQ-200
ALL	42306	If an Energy Bid Price of the Energy Bid Curve specified in an Energy Bid Component in a Non-Generator Resource Bid is greater than the Energy Bid Soft Cap, that Energy Bid Price must be replaced with the Energy Bid Soft Cap, and the Bid Period is prior to the PFE Effective Date. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	PFE BRQ-200
DAM	42316	If there is an Energy Bid Component for a Trading Hour in a **Submitted** Non-Generator Resource Bid, If the Energy Bid Price of an Energy Bid Segment in the Energy Bid Curve specified in an Energy Bid Component for a Trading Hour is greater than the higher of a) Energy Bid Price of the Energy Bid Segment of the Default Energy Bid for that Non-Generator Resource, b) Energy Bid Soft Cap, the Energy Bid Price of that Energy Bid Segment must be replaced with the greater of a) the Energy Bid Soft Cap or b) the Energy Bid Price of that overlapping Energy Bid Segment of the Default Energy Bid, for that Trading Hour, and the Bid Period is on or after the PFE Effective Date.	DAM all NGR submitted price is greater soft cap PFE BRQ-234
RTM	42317	If there is an Energy Bid Component for a Trading Hour in a **Submitted** Non-Generator Resource Bid, and that Non-Generator Resource is NOT registered as a LESR Resource for that Trading Hour, If the Energy Bid Price of an Energy Bid Segment in the Energy Bid Curve specified in an Energy Bid Component for a Trading Hour is greater than the higher of a) Energy Bid Price of the Energy Bid Segment of the Default Energy Bid for that Non-Generator Resource, b) Energy Bid Soft Cap, the Energy Bid Price of that Energy Bid Segment must be replaced with the greater of a) the Energy Bid Soft Cap or b) the Energy Bid Price of that overlapping Energy Bid Segment of the Default Energy Bid, for that Trading Hour, and the Bid Period is on or after the PFE Effective Date.	NGR RTM Non-LESR cap at DEB or Soft Cap PFE BRQ-240
RTM	42318	If there is an Energy Bid Component for a Trading Hour in a **Submitted** Non-Generator Resource Bid, and that Non-Generator Resource is registered as a LESR Resource for that Trading Hour, If the Energy Bid Price of an Energy Bid Segment in the Energy Bid Curve specified in an Energy Bid Component for a Trading Hour is greater than the higher of a) Energy Bid Price of the Energy Bid Segment of the Default Energy Bid for that Non-Generator Resource, b) Energy Bid Soft Cap, c) the Daily NGR MIBP for that Trading Day, d) the Maximum Cost-Verified Bid for that Trade Hour, the Energy Bid Price of that Energy Bid Segment must be replaced with	LESR submitted price is greater than var, will be replaced by highest var. PFE BRQ-236

		the greater of a) the Energy Bid Soft Cap, b) the Daily NGR MIBP for that Trading Day, c) the Maximum Cost-Verified Bid Price for that Trading Hour or d) or the Energy Bid Price of that overlapping Energy Bid Segment of the Default Energy Bid, for that Trading Hour, and the Bid Period is on or after the PFE Effective Date.	
RTM	50016	The bid validation rule for NGR LESR resources (42318) must re-fire for the Active Hour.	Post close re-cap of energy prices for NGR LESR resources. BRQ-236
ALL	42319	The Daily NGR MIBP used to validate Energy Bid Price of an Energy Bid Segment in the Energy Bid Curve specified in an Energy Bid Component for a Trading Hour in a Non-Generator Resource Bid must be set using the 4th highest Day-Ahead Maximum Import Bid Price or Real-Time Maximum Import Bid Price for that Trading Day, when received for that Trading Day.	This Daily NGR MIBP will be a single value for a Trade Date, when DAM MIBP is received it is set for that day… It will update with each ECIC receive for both DAM and RTM MIBP. when DA2 and RTM MIBP is received it will Update the Daily NGR MIBP with the most recent data for that Trade Date. PFE BRQ-226
ALL	42320	The Default Energy Bid for a Non-Generator Resource and Trading Hour in a Non-Generator Resource Bid must be a single Energy Bid Segment with an Energy Bid Price equal to the Default Energy Bid Price for that Non-Generator Resource and Trading Hour.	We get DEBs now from ECIC for NGR… but some that elect STORAGE in MF there is no DEB from ECIC. Sister rule from Gen.

The full set of the Business Rules can be seen under SIBR user documentation under the Application Access/ in SIBR user documentation for all rules related to SIBR/BSAP/RC-BSAP.

https://www.caiso.com/systems-applications/portals-applications/scheduling-infrastructure-business-rules-sibr-bidding

END Document